

RELEASE ~~6-30-15~~
7.5.



POGO PRODUCING COMPANY

OVERNIGHT MAIL

June 16, 1993

New Mexico Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504
Attention: Mr. David R. Catanach

Re: S.E. Red Tank Prospect NM-607
Eddy County, New Mexico
Application for Administrative
Approval to Inject Saltwater
into the Red Tank "28" Federal No. 3 Well
located 330' FNL & 2310' FEL
Section 28, T-22-S, R-32-E, N.M.P.M.

Gentlemen:

Pogo hereby respectfully submits two (2) original Applications for Authorization to Inject (Form C-108) pertaining to the captioned well and requests that same be given Administrative Approval.

Pursuant thereto, please find enclosed the following:

- (1) Copy of Notification Letter sent to all Offset Leasehold Operators within a one-half (1/2) mile radius of the proposed injection well and to the surface owner upon which such well is located, along with copies of proof of mailing; and
- (2) Proof of Legal Publication.

If you should have any questions regarding the subject Application, please contact the undersigned.

Very truly yours,

POGO PRODUCING COMPANY


Terry Gant
Consulting Landman

TG:lf/c:SWD21
Enclosures

cc w/encl.: New Mexico Oil Conservation Division
District I Office
P. O. Box 1157
Hobbs, New Mexico 88240

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no
- II. Operator: POGO PRODUCING COMPANY
Address: P. O. BOX 10340, Midland, Texas 79702
Contact party: Richard L. Wright Phone: 915/682-6822
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project _____.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Bill F. Halpeska Title Agent (P. E.)
Signature: Bill Halpeska Date: 05/28/93
- If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

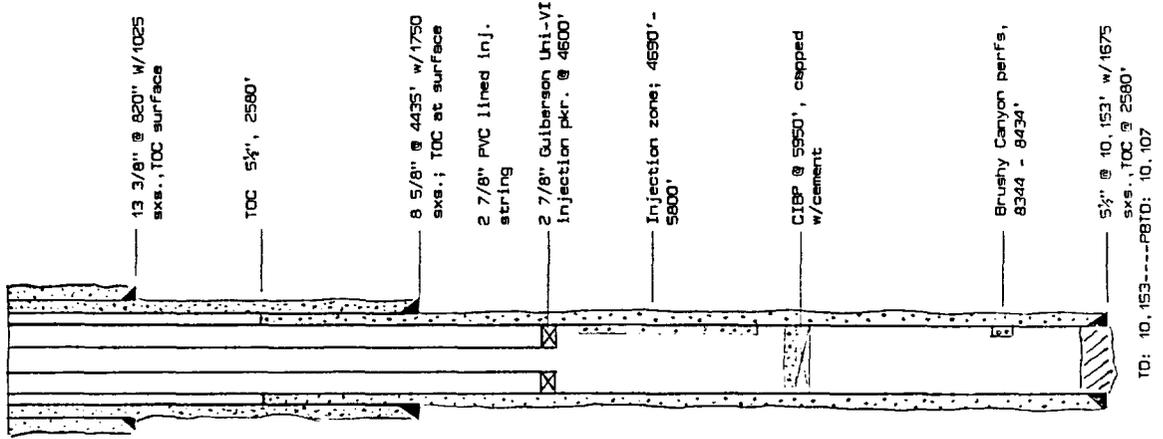
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

SCHEMATIC

TABULAR DATA

- (1). LEASE: Red Tank "28" Federal WELL # 3
 LOCATION: Sec. 28 TWP 22-S Range 32-E
 County Lea
 Footage 330 FNL and 2310 FEL
- (2). CASING STRINGS:
 Surface Casing
 Size 13 3/8 Depth 820' Cemented w/ 1025 sx.
 TOC surf. Determined by circulating
 Hole size 17 1/2"
- Intermediate Casing
 Size 8 5/8" Depth 4435' Cemented w/ 1750 sx.
 TOC surf. Determined by circulating
 Hole size 11"
- Long String
 Size 5 1/2" Depth 10,153' Cemented w/ 1675 sx.
 TOC 2580' Determined by CB
 Hole size 7 7/8"
- (3). INJECTION TUBING STRING:
 Injection interval, from 4690 to 5800 ft.
 Size 2 7/8 in., coated/lined with PVC
 Setting depth 4600 ft.
- (4) INJECTION PACKER:
 Size 5 1/2 in.; Make/Model Guiberson Uni-VI
 Setting depth 4600 ft.



ITEM 111-B

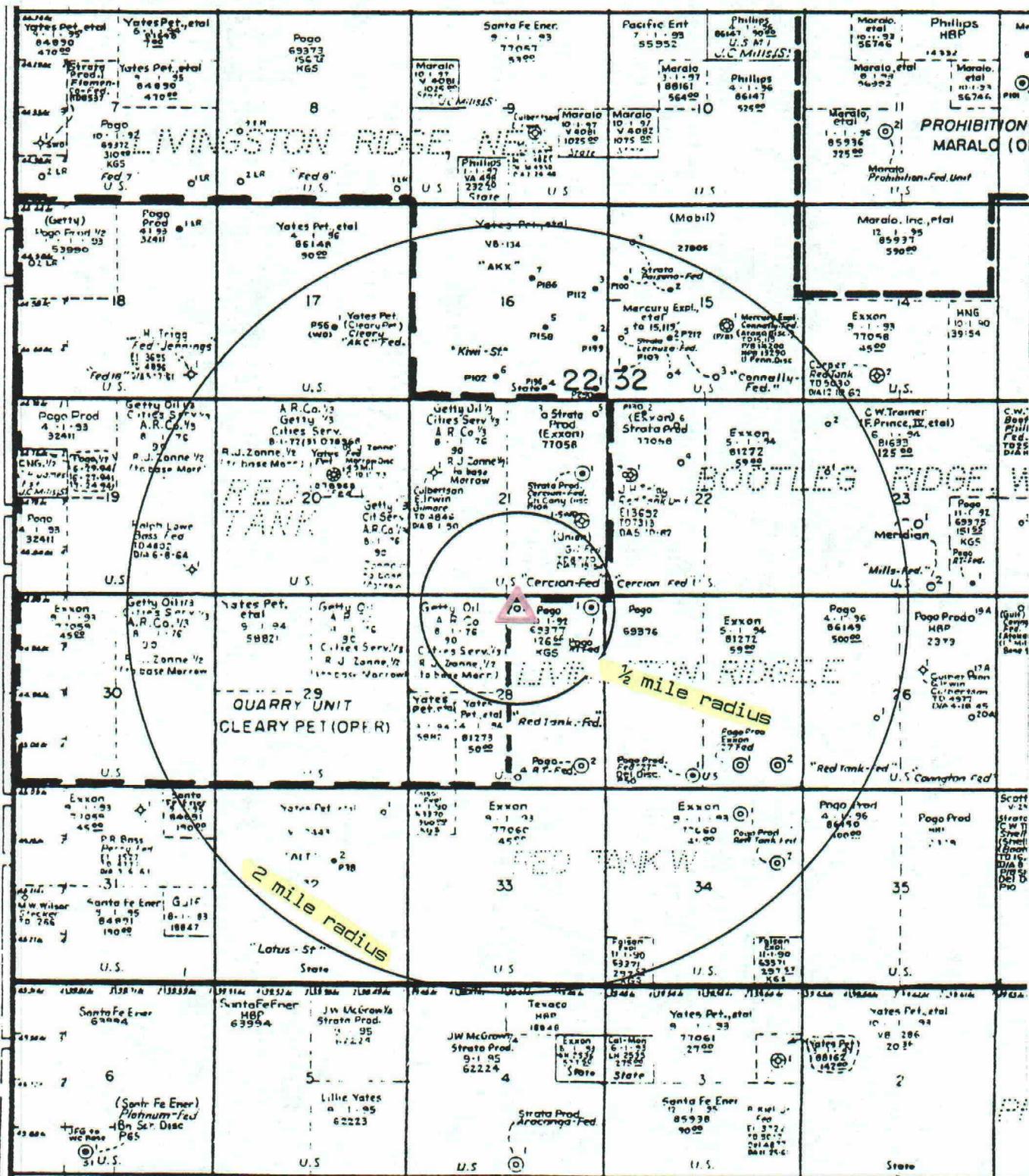
INJECTION WELL DATA

- (1). Injection formation: Bell Canyon and Up. Cherry Canyon (Delaware)
Field/Pool: Red Tank, West (Delaware)
- (2). Injection interval; from 4690 ft. to 5800 ft.
Perforated XX Open Hole _____
- (3). Original purpose well drilled -- as oil well in lower Delaware
- (4). Other perforated intervals; XX Yes _____ No
Squeezed with _____ sx., or isolated by CIBP @ 5950' +/-
gapped with cement; lower perfs at 8344' - 8434'
- (5). Oil or gas productive zone(s):
Next higher: None
Next lower: Lower Delaware (Brushy Canyon) @ 7000' +/-

ITEM V

IDENTIFICATION MAP

POGO PRODUCING COMPANY
Red Tank "28" Federal #3
Section 28, TWP 22-S, Range 32-E
Lea County, New Mexico



ITEM VI

WELL DATA - AREA OF REVIEW

(1). Location: 330' FNL, 330' FEL, Sec. 28, T 22 S, R 32 E
Operator: Pogo Producing Co. Lease: Red Tank 28 Fed. Well # 1
Well type: Oil XX Gas OSA Total depth 8740 Ft.
Date drilled: spud 10/20/92; completed 11/14/92
Completion Data: 13 3/8" - 817'/850 ex.; 8 5/8" - 4500'/1800 ex.
5 1/2" - 8740'/1125 ex.; perf. 8373 - 8409'; A/1500 g. 15% HCl;
F/48,550 g. GW plus 31,000# 20/40 sd.

Plugged NA Date: (Schematic attached)

FORM C-108

ITEM VII

OPERATIONAL DATA

(1). Average expected injection rate: 1000 BWPD; maximum anticipated rate: 3000 BWPD

(2). Closed system

(3). Estimated average injection pressure: 600 psi.
Estimated maximum pressure: 938 psi.

(4). Source of injection water: from Lower Delaware and Bone Spring zones in Pogo's nearby wells

Analysis of waters attached. Exhibits 1 and 2

(5). Analysis of injection zone water attached.

Data source: Exhibit 3; Corbin Delaware; 31-17-33
Roswell Geological Society Symposium

ITEM VIII

GEOLOGICAL DATA

INJECTION ZONE

Lithological description: sandstone, lt. gray, fine to v.fine
grained, poorly consolidated, silty, poor calc. cem.

Geological name: Bell Canyon (Delaware) and Up. Cherry Can.

Zone thickness: 1100 ft.; Depth: 5800 ft. base

FRESH WATER SOURCES

Geological name: Santa Rosa

Depth to bottom of zone: + 650 ft.

ITEM IX)

STIMULATION PROGRAM (Proposed)

ACIDIZE:

Volume: 3000 gal. Type acid: 15% HCl/Pentol 100

Rate: 5 BPM; Misc. 90 Ball Sealers

FRACTURE:

Fluid volume: 30,000 gal.; Type: Gelled Water

Prop type: 20/40 sand Volume (#): 15,000

Rate: 18 BPM; Conductor: 2 7/8 in.

Misc. 5 equal stages with Ball Sealers

ANALYSIS - BRUSHY CANYON
PRODUCED WATER

POGO PRODUCING COMPANY
RED TANK "28" FEDERAL #3
Section 28, TWP 22-S, R 32-E
Lea County, New Mexico

16010 Barker's Point Lane • Houston, Texas 77079
713 558-5200 • Telex: 4820346 • FAX: 713 589-4737

Apply to: P.O. Box FF
Artesia, New Mexico 88210
(505) 746-3588 Phone
(505) 746-3580 Fax

WATER ANALYSIS REPORT

Company : POGO PRODUCING Date : 01/08/93
Address : MIDLAND, TEXAS Date Sampled : 01/04/93
Lease : RED TANK FED. 28 Analysis No. : 005
Well : #1 *Brushy Canyon (Del)*
Sample Pt. : WELLHEAD

ANALYSIS	mg/L	* meq/L
1. pH	6.2	
2. H2S	3 PPM	
3. Specific Gravity	1.160	
4. Total Dissolved Solids	279018.4	
5. Suspended Solids	NR	
6. Dissolved Oxygen	NR	
7. Dissolved CO2	80 PPM	
8. Oil In Water	NR	
9. Phenolphthalein Alkalinity (CaCO3)		
10. Methyl Orange Alkalinity (CaCO3)	60.0	
11. Bicarbonate	HCO3 73.2	HCO3 1.2
12. Chloride	Cl 170409.6	Cl 4807.0
13. sulfate	SO4 1000.0	SO4 20.8
14. Calcium	Ca 16881.7	Ca 842.4
15. Magnesium	Mg 1186.3	Mg 97.6
16. Sodium (calculated)	Na 89409.6	Na 3889.1
17. Iron	Fe 58.0	
18. Barium	Ba NR	
19. Strontium	Sr NR	
20. Total Hardness (CaCO3)	47042.3	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
842 *Ca <----- *HCO3	Ca(HCO3)2	81.0	97
----- /----->	CaSO4	68.1	1417
98 *Mg -----> *SO4	CaCl2	55.5	45523
----- <----- /	Mg(HCO3)2	73.2	
3889 *Na -----> *Cl	MgSO4	60.2	
----- +----- +	MgCl2	47.6	4646
Saturation Values Dist. Water 20 C	NaHCO3	84.0	
CaCO3 13 mg/L	Na2SO4	71.0	
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	227277
BaSO4 2.4 mg/L			

REMARKS:
----- L. MALLET / FILE

ANALYSIS - BONE SPRING (UP)
PRODUCED WATER

POGO PRODUCING COMPANY
RED TANK "28" FEDERAL #3
Section 28, TWP 22-S, R 32-E
Lea County, New Mexico

WATER ANALYSIS REPORT

Date : 1-23-93
Date Sampled : 1-22-93
Analysis No. : 006

Lease : RED TANK FED.
Well : 23-1 *Bone Spring*
Sample Pt. : WELL

ANALYSIS		mg/L		* meq/L
1. pH	5.9			
2. H2S	0			
3. Specific Gravity	1.155			
4. Total Dissolved Solids		243572.9		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO2		NR		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO3)				
10. Methyl Orange Alkalinity (CaCO3)				
11. Bicarbonate	HCO3	48.8	HCO3	0.8
12. Chloride	Cl	151230.0	Cl	4266.0
13. Sulfate	SO4	250.0	SO4	5.2
14. Calcium	Ca	16840.0	Ca	840.3
15. Magnesium	Mg	4140.2	Mg	340.6
16. Sodium (calculated)	Na	71063.9	Na	3091.1
17. Iron	Fe	0.0		
18. Barium	Ba	0.0		
19. Strontium	Sr	0.0		
20. Total Hardness (CaCO3)		59100.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
840 *Ca <----- *HCO3	Ca (HCO3) 2	81.0	0.8	65
----- /----->	CaSO4	68.1	5.2	354
341 *Mg -----> *SO4	CaCl2	55.5	834.3	46296
----- <----- /	Mg (HCO3) 2	73.2		
3091 *Na -----> *Cl	MgSO4	60.2		
----- +----- +	MgCl2	47.6	340.6	16215
Saturation Values Dist. Water 20 C	NaHCO3	84.0		
CaCO3 13 mg/L	Na2SO4	71.0		
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	3091.1	180643
BaSO4 2.4 mg/L				

REMARKS: L. MALLET -FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,
L. MALLET

FORM C-108, ITEM VII(5)

EXHIBIT 3 d Name: Corbin Delaware

ANALYSIS - INJECTION ZONE
PRODUCED WATER

Location: NE 1/4 Sec. 31, T.17 S., R. 33 E.
County & State: Lea Co., N. Mex.

POGO PRODUCING COMPANY
RED TANK "28" FEDERAL #3
Section 28, TWP 22-S, R 32-E
Lea County, New Mexico

COMPLETION DATE: March 31, 1960

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD: No cores taken

Perm. in millidarcys		% Porosity	Liquid Saturation (% of pore space)	
Horizontal	Vertical		Water	Oil

OTHER SHOWS ENCOUNTERED IN THIS FIELD: None

TRAP TYPE: Stratigraphic, sand pinchout

NATURE OF OIL: 37.8° gravity, sweet

NATURE OF GAS: sweet

NATURE OF PRODUCING ZONE WATER: Salt

Resistivity:

ohm-meters @

°F.

	Total Solids	Na+K	Ca	Mg	Fe	SO ₄	Cl	CO ₂	HCO ₃	OH	H ₂ S
ppm		47,700	6160	2060	100	1500	89,400		160		neg

INITIAL FIELD PRESSURE: Unknown

TYPE OF DRIVE: Unknown

NORMAL COMPLETION PRACTICES: Set through, perforate & sand frac.

PRODUCTION DATA:

Year	Type	No. of wells @ yr. end		Production Oil in barrels Gas in MMCF	
		Producing	Shut in or Abnd.	Annual	Cumulative
1956	oil				
	gas				
1957	oil				
	gas				
1958	oil				
	gas				
1959	oil				
	gas				
1960*	oil	0	1 **	631.5	631.5
	gas				

* 1960 Figure is production to July 1, 1960.

** well shut in on April 19, 1960.

POGO PRODUCING COMPANY
RED TANK "28" FEDERAL #3
Section 28, TWP 22-S, R 32-E
Lea County, New Mexico

EXHIBIT 4

Chemical and radiochemical analyses of water from test hole H-5

Water produced from the Santa Rosa Sandstone, sample taken 5/24/78

Alkalinity Field (mg/l as HCO ₃)	200
Bicarbonate FET-FLD (mg/l as HCO ₃)	240
Nitrogen, NO ₂ + NO ₃ Dissolved (mg/l as N)	0.36
Hardness (mg/l as CaCO ₃)	150
Hardness, noncarbonate(mg/l as CaCO ₃)	150
Calcium Dissolved (mg/l as Ca)	56
Magnesium, Dissolved (mg/l as Mg)	51
Sodium, Dissolved (mg/l as Na)	280
Potassium, Dissolved (mg/l as K)	25
Chloride, Dissolved (mg/s as Cl)	120
Sulfate, Dissolved (mg/l as SO ₄)	530
Fluoride, Dissolved (mg/l as F)	1.2
Silica, Dissolved (mg/l as SiO ₂)	11.0
Boron, Dissolved (ug/l as B)	890
Solids Residue at 105 Deg C, Dissolved (mg/l)	1200



POGO PRODUCING COMPANY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 1, 1993

To: Offset Leasehold Operators and
Surface Owner
(See Attached List)

Re: S.E. Red Tank Prospect NM-607
Lea County, New Mexico
Application for Administrative
Approval to Inject Saltwater
into the Red Tank "28" Federal
No. 3 Well, located 330' FNL &
2310' FEL Section 28, T-22-S, R-32-E

Gentlemen:

Pogo Producing Company has applied to the New Mexico Oil Conservation Division for Administrative Approval to inject saltwater into the captioned well.

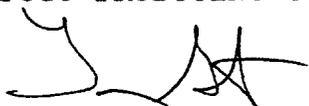
A copy of the Form C-108 submitted by Pogo to the Division is enclosed.

If you object to and/or request that a hearing be held pertaining to this Application, you must notify the Division within fifteen (15) days from the date of Pogo's Application.

If you have any questions, please contact the undersigned or Mr. Richard L. Wright.

Very truly yours,

POGO PRODUCING COMPANY


Terry Gant
Consulting Landman

TG:lf/c:SWD13

Enclosure

cc: New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088
Attention: Mr. David R. Catanach

Attached to Notification Letter dated June 1, 1993
regarding Pogo's Application for Administrative Approval
to Inject Saltwater into the Red Tank "28" Federal No. 3 Well

Bureau of Land Management
P. O. Box 1449
Santa Fe, New Mexico 87504

Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Attention: Mr. Randy G. Patterson

Strata Production Company
P. O. Box 1030
Roswell, New Mexico 88202-1030
Attention: Mr. Mark Murphy

Samson Resources Company
Two West Second Street
Samson Plaza
Tulsa, Oklahoma 74103
Attention: Mr. David Hoffman

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Bureau of Land Management
 P.O. Box 1449
 Santa Fe, NM 87504

4a. Article Number
 P 085 629 136

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)
 [Signature]

SND - RT "28" Fed No. 3

PS Form 3811, December 1991 ☆ U.S.G.P.O. : 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Yates Petroleum Corporation
 105 So. Fourth Street
 Artesia, NM 88210
 Attn: Lady H. Patterson

4a. Article Number
 P 085 629 135

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery
 6-2-93

5. Signature (Addressee)
 [Signature]

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)
 [Signature]

SND RT "28" Fed No. 3

PS Form 3811, December 1991 ☆ U.S.G.P.O. : 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
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I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

*Samson Resources Company
Two West Second Street
Samson Plaza
Tulsa, OK 74103
Attn: David Hoffman*

4a. Article Number

P 085 629 210

4b. Service Type

- Registered Insured
- Certified COD
- Express Mail Return Receipt for Merchandise

7. Date of Delivery

JUN - 3 1993

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

SND-RT "28" Fed No 3

PS Form 3811, December 1991 ☆ U.S.G.P.O. : 1992-307-530

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

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- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

*Strata Production Co
P.O. Box 1030
Roswell, NM 88202
Attn: Mark Murphy*

4a. Article Number

P 085 629 211

4b. Service Type

- Registered Insured
- Certified COD
- Express Mail Return Receipt for Merchandise

Date of Delivery

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

SND-RT "28" Fed No 3

PS Form 3811, December 1991 ☆ U.S.G.P.O. : 1992-307-530

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

Public Notice

and published in the Court of Lea

was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the

same day of the week, for one (1) day

consecutive weeks, beginning with the issue of

June 2, 19 93

and ending with the issue of

June 2, 19 93

And that the cost of publishing said notice is the sum of \$ 12.32

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 14th

day of June, 19 93

Mrs. Jean Sevier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 94

LEGAL NOTICE PUBLIC NOTICE

Application for
Authorization to
Inject Saltwater

Pogo Producing Company,
P.O. Box 10040, Midland,
Texas 79702-7340 (Contact
Richard L. Wright at 915/
671-1111) has applied to the
New Mexico Oil Conserva-
tion Division for Administra-
tive Approval for Authoriza-
tion to inject saltwater into its
Red Tank "28" No. 3 Well, to
be located 330' FNL and 2310'
FEL of Section 28, T-22-S,
R-32-E, N.M.P.M., Lea
County, New Mexico. The
purpose of such well will be to
dispose of saltwater produ-
ced from Pogo's nearby
wells. The injection interval
will be the Bell Canyon and
Upper Cherry Canyon for-
mations between 4,600'-
5,800' beneath the surface,
with an expected maximum
injection rate of approxi-
mately 3,000 BOWPD with
an expected maximum injec-
tion pressure of approxi-
mately 638 psi. Any inter-
ested parties must file objec-
tions or requests for a hear-
ing with the New Mexico Oil
Conservation Division, P.O.
Box 2088, Santa Fe, New
Mexico 87504-2088 within fif-
teen (15) days from the date
of Pogo's Application.
Published in the Lovington
Daily Leader June 2, 1993.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

CONSERVATION DIVISION
RECEIVED

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

'93 JU
BRUCE KING
GOVERNOR

7 AM 9 32

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

- MC _____
- DHC _____
- NSL _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Pogo Producing Co *Red Tank 28 Federal* *# 3-B* *28-22-32*
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
 Jerry Sexton
 Supervisor, District 1

/ed

